

NURS50006 Nursing Science 2

Credit Points:	12.50								
Level:	5 (Graduate/Postgraduate)								
Dates & Locations:	This subject is not offered in 2013.								
Time Commitment:	Contact Hours: 36 hours lectures. Total Time Commitment: In addition to the subject contact hours, students are expected to devote approximately 9 - 10 hours a week to this subject								
Prerequisites:	A pass in the following subject prior to enrolment: <table><tr><td>Subject</td><td>Study Period Commencement:</td><td>Credit Points:</td></tr><tr><td>NURS50003 Nursing Science 1</td><td>Semester 1</td><td>12.50</td></tr></table>			Subject	Study Period Commencement:	Credit Points:	NURS50003 Nursing Science 1	Semester 1	12.50
Subject	Study Period Commencement:	Credit Points:							
NURS50003 Nursing Science 1	Semester 1	12.50							
Corequisites:	None								
Recommended Background Knowledge:	None								
Non Allowed Subjects:	None								
Core Participation Requirements:	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable adjustments will be made to enhance a student's participation in the University's courses. Students who think their disability will impact on meeting this requirement are encouraged to discuss this matter with the Course Coordinator and the Disability Liaison Unit.								
Contact:	Nursing Melbourne School of Health Sciences The University of Melbourne Level 1, 200 Berkeley St Carlton Victoria 3010 AUSTRALIA T: +61 3 8344 9428 F: +61 3 8344 4188 E: nursing-enquiries@unimelb.edu.au (mailto:nursing-enquiries@unimelb.edu.au) W: www.nursing.unimelb.edu.au (http://www.nursing.unimelb.edu.au)								
Subject Overview:	This subject builds on the knowledge gained in Nursing Science 1 and examines the pathophysiology of different body systems. The common conditions that alter skin, the nervous system, cardiovascular, respiratory, gastrointestinal, endocrine, musculo-skeletal and genitourinary and reproductive systems will be examined. Students will add to their knowledge of drugs by examining the physiological action of selected subcutaneous, intramuscular and intravenous medications.								
Objectives:	At the completion of this subject students should be able to: <ul style="list-style-type: none"># identify and discuss in detail the pathophysiology of common disorders that affect skin, the nervous system including special senses, cardiovascular, respiratory, gastrointestinal, endocrine, musculo-skeletal, genitourinary and reproductive systems;# identify the occurrence of common pathological processes across the lifespan;# discuss the pharmacodynamics and pharmacokinetics of select subcutaneous, intramuscular and intravenous medications.								
Assessment:	2,000-word case study (40%) - Due week 6 3-hour written examination (60%) - At end of semester Students must achieve an aggregate of 50% and pass the 3-hour written examination to pass the subject.								
Prescribed Texts:	Patton, K. & Thibodeau, G. & (2011). Anatomy and physiology (8th ed.). St. Louis: Elsevier Mosby. McCance, K. & Huether, S. (2010). Pathophysiology: The biological basis for disease								

	in adults and children (6th ed). St. Louis: Mosby. Bullock, S., Manias, E. (2011). Fundamentals of pharmacology (6th ed.). Australia: Frenchs Forest, NSW: Pearson Education. Stedman's medical dictionary for the health professions and nursing . Australian and New Zealand Edition (5th ed.). (2005). Philadelphia: Lippincott, Williams and Wilkins.
Recommended Texts:	Rang, H., Dale, M., Ritter, et al. (2012). Rang and Dale's Pharmacology (7th ed.). Churchill: Livingstone
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	At the completion of this subject, students should be able to demonstrate: <ul style="list-style-type: none"> # the capacity for information seeking, retrieval and evaluation; # critical thinking and analytical skills; # an openness to new ideas; # planning and time management skills; # the ability to work effectively in a team; # the ability to communicate knowledge through classroom and web-based discussions and written material.
Links to further information:	http://www.nursing.unimelb.edu.au/
Related Course(s):	Master of Nursing Science